# Applied Physics B

# Photophysics and Laser Chemistry

### Volume B 54 1992

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## PHYSICS AND ASTRONOMY CLASSIFICATION SCHEME (PACS)

Shortened version for use in classifying papers for Applied Physics

#### General

- n2 Mathematical methods in physics
- Measurement science and metrology
- Specific instrumentation
  - 07.60 Optical instruments and techniques, detection of radiation
  - 07.65 Optical spectroscopy and spectrometers
  - 07.75 Mass spectrometers and mass-spectroscopy techniques
  - 07.80 Electron and ion microscopes and spectrometers; techniques
  - 07.85 X-ray and gamma-ray instruments and techniques

#### Atomic and molecular physics

- Atomic spectra and interactions with photons
- Molecular spectra and interactions of molecules with photons
- Atomic and molecular collision processes and interactions
- Experimentally derived information on atoms and molecules
- Studies of special atoms and molecules (macro- and polymer molecules, clusters)

#### Fundamental areas of phenomenology (including applications)

- **Electricity and magnetism**
- Optics (see also 78)
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  - 42.20 Propagation and transmission in inhomogeneous media
  - 42.30 Optical information, image formation and analysis
  - 42.40 Holography
  - 42.50 Quantum optics
  - 42.55 Laser processes
    - C Pumping mechanisms
    - E Molecular gas lasers (CO<sub>2</sub>, CO, N<sub>2</sub>O, formaldehyde)
    - G Excimer lasers
    - H Atomic, ionic, and other gas lasers
    - M Laser action in liquids and organic dyes
    - P Laser action in semiconductors
    - R Laser action in solid-state lasers
    - T Free-electron lasers
  - 42.60 Laser systems and laser-beam applications
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    - D Laser resonators, cavities, and amplifiers
    - E Laser beam deflection and focusing
  - F Laser beam modulation, mode locking, and tuning 42.65 Nonlinear optics
  - 42 68 Atmospheric ontics
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  - 42.80 Optical devices, techniques, and applications
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  - 61.12 Neutron determination of structures
  - 61.14 Electron determination of structures
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#### Photophysics and Laser Chemistry

Asaumi K :

Second-harmonic power of KTiOPO<sub>4</sub> with double refraction. Appl. Phys. B 54/4, 265-270 (1992) PACS: 42.65 Audretsch J., Lämmerzahl C.:

New inertial and gravitational effects made measureable by atom beam interferometry

Appl. Phys. B 54/5, 351-354 (1992) PACS: 07.60L 03.65 04.80

Axner O., Ljungberg P., Malmsten Y.

Lifetime mesurements of metastable states of Au, Bi, Cd, Mg, Pb, and Sr in an acetylene/air flame by laser-enhanced ionization spectrometry. Appl. Phys. B 54/2, 144-155 (1992) PACS: 34.90 82.40

Babin F., Gagné J.-M.:

Hollow cathode discharge (HCD) dark space diagnostics with laser photoionization and galvanic detection.

Appl. Phys. B 54/1, 35-45 (1992) PACS: 52.80H 52.70 32.80

Bauer S., Bauer-Gogonea S., Ploss B.:

The physics of pyroelectric infrared devices. Appl. Phys. B 54/6, 544-551 (1992) PACS: 07.62 85.50

Bava E., Shahian A.G.:

Interaction between atom and radiation with sinusoidally shaped amplitude: Applications to frequency standards.

Appl. Phys. B 54/6, 500-505 (1992) PACS: 32.80 Bennett W.R., Chebotayev V.P.:

Laser stabilitron

Appl. Phys. B 54/6, 552-555 (1992) PACS: 42.55B 06.20

Bettermann H., Chini G.:

Picosecond fluorescence studies by intracavity gain spectroscopy in a modelocked dye laser.

Appl. Phys. B 54/3, 216-220 (1992) PACS: 31.50 32.50 31.70

Bötticher W., Lück H., Niesner St., Schwabedissen A.:

Small volume coaxial discharge as precision testbed for 0D-models of

Appl. Phys. B 54/4, 295-302 (1992) PACS: 42.55G 52.65 52.80 Buritskii K.S., Dianov E.M., Maslov V.A., Chernykh V.A.,

Shcherbakov E.A.:

Nonlinear directional coupler based on Rb: KTP-waveguides. Appl. Phys. B 54/2, 167-169 (1992) PACS: 42.80

Cartaleva St.St., Gateva S.V.:

Output power enhancement of the 632.8 nm monomode He-Ne/I2-laser. Appl. Phys. B 54/4, 307-308 (1992) PACS: 42.55 42.60

Chebotayev V.P., Klementyev V.M., Pyltsin O.I., Zakhariash V.F.: Optical pulse frequency stabilization of self-mode-locked HeNe lasers. Appl. Phys. B 54/1, 98-99 (1992) PACS: 42.55B 06.20

Clauser J.F. Reinsch M. New theoretical and experimental results in Fresnel optics with applica-

tions to matter-wave and X-ray interferometry.

Appl. Phys. B 54/5, 380-395 (1992) PACS: 07.60L 42.10 42.80 Dai L.-K., Gou Y.-S., Gu C., Yeh P .:

Instabilities in coupled photorefractive ring cavities and self-pumped phase conjucations: I. Mean-field model and linear stability analysis. Appl. Phys. B 54/1, 57-70 (1992) PACS: 42.65

Dai L.-K., Gou Y.-S., Gu C., Yeh P .:

Instabilities in coupled photorefractive ring cavities and self-pumped phase conjucators: II. Numerical results.

Appl. Phys. B 54/2, 156-166 (1992) PACS: 42.65

Datsyuk V.V.:

Some characteristics of resonant electromagnetic modes in a dielectric sphere

Appl. Phys. B 54/2, 184-187 (1992) PACS: 42.65 42.10

Davis C.R., Egitto F.D., Buchwalter S.L.:

Dopant-induced excimer laser ablation of poly(tetrafluoroethylene). Appl. Phys. B 54/3, 227-230 (1992) PACS: 78.65H 81.60

Dennis M.L., Diels J.-C., Mohebi M.:

Study of a carbon dioxide ring laser gyroscope.

Appl. Phys. B 54/4, 278-287 (1992) PACS: 42,55D 42,60 42.80

Desaintfuscien M., Schubert M., Siemers I., Blatt R.:

Joint comment on the paper "Kinetic energy and spatial width of ion clouds in Paul traps".

Appl. Phys. B 54/3, 246 (1992) PACS: 32.70

Dianov E.M., Luchnikov A.V., Pilipetskii A.N., Prokhorov A.M.;

Long-range interaction of picosecond solitons through excitation of acoustic waves in optical fibers.

Appl. Phys. B 54/2, 175-180 (1992) PACS: 42.65

Efthimiopoulos T., Koudoumas E.:

Intensity and resonance effects on the three-photon resonant third-harmonic generation in Hg.

Appl. Phys. B 54/3, 193-198 (1992) PACS: 42.65

Ekstrom Ch.R., Keith D.W., Pritchard D.E.: Atom optics using microfabricated structures.

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Englert B.-G., Walther H., Scully M.O.:

Ouantum optical Ramsey fringes and complementarity. Appl. Phys. B 54/5, 366-368 (1992) PACS: 42.50 03.65 42.52

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Frolov M.P., Ishkov D.V., Kryukov P.G., Pazyuk V.S., Yuryshev N.N.: A frequency-doubled pulsed chemical oxygen-iodine laser

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Third-order nonlinear optical properties of some organic nitroxyls.

Appl. Phys. B 54/2, 181-183 (1992) PACS: 42.70F 42.65 Gozzini S., Mariotti E., Gabbanini C., Lucchesini A., Marinelli C., Moi L.:

Atom cooling by white light.

Appl. Phys. B 54/5, 428-433 (1992) PACS: 32.80P 42.50

Haroche S., Brune M., Raimond J.M.:

Manipulation of optical fields by atomic interferometry: Quantum variations on a theme by Young,

Appl. Phys. B 54/5, 355-365 (1992) PACS: 42.50D 03.65

Hillrichs G., Dressel M.Hack H., Kunstmann R., Neu W.:

Transmission of XeCl excimer laser pulses through optical fibers: Dependence on fiber and laser parameters.

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Observation of new laser transitions and saturation effects in optically pumped NO.

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Theoretical study of the feasibility of dual-band multiline operation of a TEA CO2 laser with intracavity Fabry-Perot etalons. Appl. Phys. B 54/6, 534-537 (1992) PACS: 42.60B 42.55

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Measurement of the gravitational acceleration of an atom with a lightpulse atom interferometer.

Appl. Phys. B 54/5, 321-332 (1992) PACS: 32.80P 07.60 35.80 42.50 Ketterle W., Schäfer M., Arnold A., Wolfrum J.:

2D single-shot imaging of OH radicals using tunable excimer lasers. Appl. Phys. B 54/2, 109-112 (1992) PACS: 82.50

Ketterle W., Pritchard D.E.:

Trapping and focusing ground state atoms with static fields.

Appl. Phys. B 54/5, 403-406 (1992) PACS: 32.80P

Klingenberg H.H., Gekat F.:

XeCl laser excitation by high power microwave pulses.

Appl. Phys. B 54/3, 205-207 (1992) PACS: 42.55H 42.60 52.80

Kölsch H.J., Rairoux P., Wolf J.P., Wöste L .:

Comparative study of nitric oxide immission in the cities of Lyon, Geneva, and Stuttgart using a mobile differential absorption LIDAR

Appl. Phys. B 54/1, 89-94 (1992) PACS: 06.70D 07.60 33.20

Kopiczynski T.L., Bogdan M., Kälin A.W., Schötzau H.J.,

Kneubühl F.K .:

Multiple breakdown in helium generated by hybrid 10 µm CO2 laser pulses

Appl. Phys. B 54/6, 526-530 (1992) PACS: 52.00 42.60

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Laser induced lasing in the CS2 vapor.

Appl. Phys. B 54/3, 221-226 (1992) PACS: 42.50 42.55

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Observation of rotational energy transfer in iodine by two-photon time delayed spectroscopy.

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Dynamics of a phase conjugate resonator: Transient build-up and decay

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Degenerate four-wave mixing in nitrogen dioxide: Application to combustion diagnostics.

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Multiphoton resonances in atomic Bragg scattering.

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Quantum nondemolition measurement of transverse atomic position in Kapitza-Dirac atomic beam scattering.

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Two dimension selective coherent population trapping controlled by a phase shift. Appl. Phys. B 54/5, 420-427 (1992) PACS: 32.80 42.50

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A high power N<sub>2</sub> laser using water filled strip lines. Appl. Phys. B 54/1, 100-101 (1992) PACS: 42.60B

Miniatura Ch., Robert J., Boiteux S. Le, Reinhardt J., Baudon J.:

A longitudinal Stern-Gerlach atomic interferometer Appl. Phys. B 54/5, 347-350 (1992) PACS: 32.60 07.60

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Short- and long-term frequency stabilization of a He-Ne laser using a Fabry-Perot cavity locked to the Lamb dip.

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Moraes J.C.S., Scalabrin A., Pereira D., Carelli G., Ioli N., Moretti A.,

IR and FIR spectroscopy of <sup>13</sup>CD<sub>3</sub>OH around the 10P(22) and 10P(24) CO2 laser lines: New FIR laser emissions, frequency measurements and assignments.

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Velocity-selective optical Ramsey fringes by optical pumping. in a Ca atomic beam

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Numerical analysis of pulse formation in solid-state lasers mode-locked with a linear external cavity.

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Mirrorless parametric oscillation in BaTiO<sub>3</sub>

Appl. Phys. B 54/4, 313-316 (1992) PACS: 42.25B 42.70 78.20

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Gain depletion due to amplified spontaneous emission in multi-pass laser amplifiers.

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Electric and magnetic mirrors and gratings for slowly moving neutral atoms and molecules

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Calculation of carrier-induced refractive index change in InSb. Appl. Phys. B 54/2, 113-118 (1992) PACS: 78.20 42.65

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Porter F.M., Williams D.R.:

Quantitative CARS spectroscopy of the  $\nu_1$  band of water vapour.

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Direct generation of sub-nanosecond pulses by a high-pressure miniature excimer laser.

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Interferometry with Ca atoms.

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Achievement of laser fusion of biological cells using UV pulsed dye laser beams.

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Appl. Phys. B 54/5, 486-489 (1992) PACS: 82.40 78.65 42.79

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Time-resolved spectroscopy of the fluorescence quenching of a donoracceptor pair by halothane.

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Improved frequency stability of the ammonia laser.

Appl. Phys. B 54/2, 126-131 (1992) PACS: 42.55C Sieverdes F., Pinnow M., Marowsky G.:

Second-harmonic generation from embedded polarization sheets.

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Slaby J., Träger F.: Sensitivity enhancement in thermal-lens laser spectrometry. Appl. Phys. B 54/6, 538-543 (1992) PACS: 07.65 78.20 66.60

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Imaging and focusing of an atomic beam with a large period standing

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Sterr U., Sengstock K., Müller J.H., Bettermann D., Ertmer W.: The magnesium Ramsey interferometer: Applications and prospects.

Appl. Phys. B 54/5, 341-346 (1992) PACS: 32.80 42.50 07.60 Sun X., Nasu K., Wu C.Q .:

Frequency dependence of third-harmonic generation in polyacetylene. Appl. Phys. B 54/2, 170-174 (1992) PACS: 78.90 42.65 78.20

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Appl. Phys. B 54/5, 407-419 (1992) PACS: 32.80P

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Wei T.H., Hagan D.J., Sence M.J., Stryland E.W. van, Perry J.W., Coulter D.R.:

Direct measurements of nonlinear absorption and refraction in solutions of phthalocyanines.

Appl. Phys. B 54/1, 46-51 (1992) PACS: 33.00 42.65 42.80 Weigand R., Guerra J.M., Davila J.:

Photophysical characterization of pyrazino [2,3-c]-1,2,6- thiadiazine 2,2-dioxides in DMSO and acetonitrile solutions.

Appl. Phys. B 54/6, 516-525 (1992) PACS: 82.50

Winkler R., Wuttke M.W.:

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A detailed study of electron kinetics involved in modelling discharge pumped excimer laser plasmas.

Appl. Phys. B 54/1, 1-17 (1992) PACS: 51.10 51.50 52.25

Woisetschläger J., Jäger H., Neger T., Widmann K.:

Investigation of the population inversion in a He-Ne laser discharge by heterodyne holographic interferometry.

Appl. Phys. B 54/2, 132-135 (1992) PACS: 42.40 42.55

Yankov P., Petrov G.:

High energy negative feedback controlled passively mode-locked Nd: YAG laser.

Appl. Phys. B 54/3, 231-233 (1992) PACS: 42.60

Zweig A.D., Deutsch T.F .:

Shock waves generated by confined XeCl excimer laser ablation of poly-

Appl. Phys. B 54/1, 76-82 (1992) PACS: 81.60J 43.35 87.00

Name	First Author	Applied	Physics	PACS	Name	First Author	Applied	Physics	PACS
Afifi M.A.	Fadel M.	A 54/3,	288-292 (1992)	77.20	Chebotayev V.P.	Bennett W.R.	B 54/6,	552-555 (1992)	42.55B
Afonso C.N.	Solis J.	A 54/3,	279-283 (1992)	42.30	Chen C.	Wu K.	A 54/3,	209-220 (1992)	78.20D
Afonso C.N.	Serna R.	A 54/6,	538-542 (1992)	68.22	Chen J.M.	Ren C.X.	A 54/3,	303-307 (1992)	74.75
Aityan S.K.	Ivanov-Shitz A.K.	A 54/3,	251-257 (1992)	63.00	Chen J.R.	Tse W.S.	A 54/6,	556-559 (1992)	73.40
Albers P.	Pfistner C.	B 54/1,	83-88 (1992)	42.60F	Chen R.H.	Tse W.S.	A 54/6,	556-559 (1992)	73.40
Alford T.L.	Theodore N.D.	A 54/2,	124-131 (1992)	81.40	Chen X.H.	Sha J.	A 54/3,	300-302 (1992)	74.60G
Alford T.L.	Theodore N.D.	A 54/6,	527-532 (1992)	61.10	Chen Y.X.	Ren C.X.	A 54/3,	303-307 (1992)	74.75
Alimen von M.	Blatter A.	A 54/1,	26-30 (1992)	81.30H	Chen Z.X.	Ren C.X.	A 54/3,	303-307 (1992)	74.75
Amano K.	Kokai F.	A 54/4,	340-342 (1992)	81.40	Chernykh V.A.	Buritskii K.S.	B 54/2,	167-169 (1992)	42.80
Amaral L.	Foerster C.E.	A 54/3,		61.70T	Cheung N.W.	Theodore N.D.	A 54/2,	124-131 (1992)	81.40
Amiotti M.	Amiotti M.	A 54/2,	181-185 (1992)	81.40T	Chevy A.	Cruz R.M. de la Riera J.	A 54/2, A 54/5,	147-151 (1992) 428-430 (1992)	78.70B 71.55
Anagnostakis E.A.	Anagnostakis E.A.	A 54/1,	68-71 (1992)	73.40L	Chevy A.	Bettermann H.	B 54/3,	216-220 (1992)	31.50
Ares Fang C.S.	Tse W.S.	A 54/6,	556-559 (1992)	73.40	Chini G. Cho Y.M.	Schaper C.D.	A 54/4,	317-326 (1992)	81.40
Arimondo E.	Mauri F.	B 54/5,	420-427 (1992)	32.80	Christiansen J.	Redei T.	A 54/6,	520-522 (1992)	52.50
Armigliato A. Arnold A.	Parisini A. Ketterle W.	A 54/3, B 54/2,	221-224 (1992) 109-112 (1992)	61.70 82.50	Chu S.	Kasevich M.	B 54/5,	321-332 (1992)	32.80P
Asaumi K.	Asaumi K.	B 54/4.	265-270 (1992)	42.65	Cimmino A.	Opat G.I.	B 54/5,	396-402 (1992)	35.10D
	Mann B.A.	B 54/4,	271-277 (1992)	82.40P	Clark A.	Paje S.E.	A 54/3,	239-243 (1992)	78.55H
Astill A.G. Atrens A.	Lim A.S.	A 54/3.	270-278 (1992)	68.45	Clauser J.F.	Clauser J.F.	B 54/5,	380-395 (1992)	07.60L
Atrens A.	Lim A.S.	A 54/4,	343-349 (1992)	68.45	Coffa S.	Coffa S.	A 54/6,	481-484 (1992)	72.80
Atrens A.	Lim A.S.	A 54/6.	500-507 (1992)	68.45	Cohen-Tannoudji C.	Wallis H.	B 54/5,	407-419 (1992)	32.80P
Audretsch J.	Audretsch J.	B 54/5,	351-354 (1992)	07.60L	Collins C.B.	Davanloo F.	A 54/4,	369-372 (1992)	52.50J
Axner O.	Axner O.	B 54/2,	144-155 (1992)	34.90	Costa C.H.C.R.	Fagotto E.A.M.	A 54/1,	1-5 (1992)	72.50
rially V.	. Annua Gr	5 34/29	(1772)	21124	Coulter D.R.	Wei T.H.	B 54/1,	46-51 (1992)	33.00
Babin F.	Babin F.	B 54/1,	35-45 (1992)	52.80H	Cruz H.	Cruz H.	A 54/2.	178-180 (1992)	73.40G
Balykin V.	Sleator T.	B 54/5,	375-379 (1992)	32.80	Cruz R.M. de la	Cruz R.M. de la	A 54/2,	147-151 (1992)	78.70B
Barbour J.C.	Theodore N.D.	A 54/6,	527-532 (1992)	61.10	Czech E.	Bergmann R.	A 54/1,	103-105 (1992)	68.55
Baudon J.	Miniatura Ch.	B 54/5,	347-350 (1992)	32.60	20000		, .,	()	
Bauer-Gogonea S.	Bauer S.	B 54/6,	544-551 (1992)	07.62	Dai LK.	Dai LK.	B 54/1,	57-70 (1992)	42.65
Bäuerle D.	Schwab P.	A 54/2.	166-169 (1992)	74.70	Dai LK.	Dai LK.	B 54/2,	156-166 (1992)	42.65
Băuerle D.	Toth Z.	B 54/3,	189-192 (1992)	42.60	Dalibard J.	Wallis H.	B 54/5,	407-419 (1992)	32.80P
Bauer S.	Emmerich R.	A 54/4,	334-339 (1992)	07.20	Damm T.	Preua S.	A 54/4,	360-362 (1992)	42.30N
Bauer S.	Bauer S.	B 54/6,	544-551 (1992)	07.62	Dan P.	Liou H.T.	B 54/3,	221-226 (1992)	42.50
Baumann J.R.	Sulewski P.E.	A 54/1,	79-83 (1992)	78.20J	Datsyuk V.V.	Datsyuk V.V.	B 54/2,	184-187 (1992)	42.65
Baumvol I.J.R.	Hübler R.	A 54/5,	437-441 (1992)	ó8.50	Daub E.	Schick K.	A 54/2,	109-114 (1992)	78.20
Bauser E.	Bergmann R.	A 54/1,	103-105 (1992)	68.55	Davanloo F.	Davanioo F.	A 54/4,	369-372 (1992)	52.50J
Bava E.	Bava E.	B 54/6,	500-505 (1992)	32.80	Davila J.	Weigand R.	B 54/6,	516-525 (1992)	82.50
Becker Th.	Mück M.	A 54/1.	47-50 (1992)	74.50	Davis C.R.	Davis C.R.	B 54/3,	227-230 (1992)	78.65H
Behar M.	Foerster C.E.	A 54/3,	252-232 (1992)	61.70T	Decker F.	Fagotto E.A.M.	A 54/1,	1-5 (1992)	72.50
Beling C.D.	Mills Jr. A.P.	A 54/1,	22-25 (1992)	78.70B	Dem'yanov A.V.	Longo S.	B 54/3,	239-245 (1992)	42.55G
Bellandi E.	Amiotti M.	A 54/2,	181-185 (1992)	81.40T	Dennis M.L.	Dennis M.L.	B 54/4,	278-287 (1992)	42.55D
Bennett W.R.	Bennett W.R.	B 54/6,			Derdour M.	Parisini A.	A 54/3,	221-224 (1992)	
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Bettermann D.	Sterr U.	B 54/5,	341-346 (1992)		Deutsch T.F.	Zweig A.D.	B 54/1,	76-82 (1992)	81.60J
Bettermann H.	Bettermann H.	B 54/3,			Dianov E.M.	Dianov E.M.	B 54/2,	175-180 (1992)	42.65
Bhat H.L.	Srinivasan M.R.	A 54/3,			Dianov E.M.	Buritskii K.S.	B 54/2,	167-169 (1992)	42.80
Blatt R.	Desaintfuscien M.	B 54/3,		32.70	Diegel M. Diels JC.	Burg E. von der Dennis M.L.	A 54/4, B 54/4,	373-379 (1992)	73.60K 42.55D
Blatter A.	Blatter A.	A 54/1, B 54/6,		81.30H 52.00	Diemeer M.B.J.	Diemeer M.B.J.	A 54/5,	278-287 (1992) 466-469 (1992)	77.40
Bogdan M. Boiteux S. Le,	Kopiczynski T.L. Miniatura Ch.	B 54/5,			Döbele H.F.	Röwekamp M.	A 54/1,		79.20N
Bolse W.	Müller W.	A 54/1,		79.20	Dobryakov A.L.	Dobryakov A.L.	A 54/1,	100-102 (1992)	
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Borghesi A.	Amiotti M.	A 54/2,			Draxler S.	Sharma A.	B 54/4,	309-312 (1992)	33.00
Bor Z.	Phillips H.M.	A 54/2,			Dressel M.	Hillrichs G.	B 54/3,	208-215 (1992)	78.90
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Bötticher W.	Bötticher W.	B 54/4,						()	
Brandt M.S.	Brandt M.S.	A 54/6,			Eberlein J.	Redel T.	A 54/6,	520-522 (1992)	52.50
Bransalov K.	Velinov T.	A 54/1,	6-18 (1992)	44.30	Efthimiopoulos T.	Efthimiopoulos T.	B 54/3,	193-198 (1992)	42.65
Breitschwerdt A.	Brandt M.S.	A 54/6,	567-569 (1992)	68.55	Egitto F.D.	Davis C.R.	B 54/3,	227-230 (1992)	78.65H
Brune M.	Haroche S.	B 54/5,	355-365 (1992)	42.50D	Eichhorn G.	Plaa W.	B 54/3,	199-201 (1992)	07.60
Brusa R.S.	Brusa R.S.		233-238 (1992)		Eitle J.	Ugolini D.		57-60 (1992)	79.20
Bucher E.	Sulewski P.E.	A 54/1,	79-83 (1992)	78.20J	Ekstrom Ch.R.	Ekstrom Ch.R.	B 54/5,	369-374 (1992)	35.10
Bucher E.	Pirzer M.	A 54/5,	455-459 (1992)		Emel'yanov V.I.	Emel'yanov V.I.	A 54/2,	196-199 (1992)	68.48
Buchstab A.S.	Ivanov-Shitz A.K.	A 54/3,			Emmerich R.	Emmerich R.	A 54/4,		
Buchwalter S.L.	Davis C.R.	B 54/3,			Englert BG.	Englert BG.	B 54/5,		
Bührer W.	Blatter A.	A 54/1,		81.30H	Ertmer W.	Sterr U.	B 54/5,	341-346 (1992)	32.80
Burg E. von der	Burg E. von der		373-379 (1992)						
Buritskii K.S.	Buritskii K.S.	B 54/2,	167-169 (1992)	42.80		P. Line		200 202 (1002)	77.20
Callaban D.	DL:10: ** > 4		150 155 (1000)	01 (07	Fadel M.	Fadel M.		288-292 (1992)	77.20
Callahan D.L.	Phillips H.M.		158-165 (1992)		Fagotto E.A.M.	Fagotto E.A.M.		1-5 (1992) 26-30 (1992)	81.30H
Cao L.Z.	Sha J.	A 54/3,			Faller M.	Blatter A.	A 54/1,		
Capitelli M.	Longo S.	B 54/3,			Ferguson C.	Munidasa M. Schick K.	A 54/3, A 54/2.		
Carelli G.	Moraes J.C.S.	B 54/1,		42.55	Finkbeiner S. Fleischer M.	Fleischer M.	A 54/6		
Carniglia C.K. Cartaleva St.St.	Swarnalatha M. Cartaleva St.St.	A 54/6, B 54/4,			Floch A. Le	Floch A. Le		317-318 (1992)	
Carter C.B.	Theodore N.D.	A 54/2			Flores F.	Kocevar P.	A 54/2		
Carter C.B.	Theodore N.D.	A 54/6.			Foerster C.E.	Foerster C.E.	A 54/3		
Catalina F.	Solis J.	A 54/3			Fracastoro-Decker M		A 54/1.		72.50
Catalina F.	Serna R.	A 54/6.			Franceschini M.A.	Franceschini M.A.		259-264 (1992)	
Cerny R.	Lukes I.	A 54/4			Francisco C. de	Torres R.	A 54/6		
Chakrabarti P.	Chakrabarti P.	A 54/2			Francke R.E.	Lisboa J.A.	B 54/6		
Chapeaublanc JF.	Petitjean M.	A 54/1.		81.15G	Frank K.	Redel T.	A 54/6		
Chaudhari G.N.	Rao V.J.	A 54/3			Friemelt K.	Sulewski P.E.		79-83 (1992)	78.20J
The second secon	Chebotayev V.P.		, 98-99 (1992)	42.55B	Frolov M.P.	Frolov M.P.	B 54/5		

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Fuchs H.D.	Brandt M.S.	A 5	4/6.	567-569 (1992)	68.55	Kantor Z.	Kantor Z.	A	54/2	170-175 (1992)	42.60K
			4/2.	176-177 (1992)	81.60B	Kargi P.	Toth Z.		54/3,	189-192 (1992)	42.60
						Karl N.	Mills Jr. A.P.		54/1,	22-25 (1992)	78.70B
Gabbanini C.	Gozzini S.	B 5	4/5,	428-433 (1992)	32.80P	Kasevich M.	Kasevich M.		54/5,	321-332 (1992)	32.80P
Gagné JM.	Babin F.	B 5	4/1,	35-45 (1992)	52.80H	Kato K.	Lu YF.		54/1,	51-56 (1992)	81.40
Galvanetto E.	Brusa R.S.	A 5	4/3,	233-238 (1992)	66.30	Keith D.W.	Ekstrom Ch.R.		54/5,	369-374 (1992)	35.10
Gateva S.V.	Cartaleva St.St.	B 5	4/4,	307-308 (1992)	42.55	Ketterle W.	Ketterle W.		54/2,	109-112 (1992)	82.50
		A 5	4/1,	19-21 (1992)	61.12D	Ketterle W.	Ketterle W.		54/5,	403-406 (1992)	32.80P
			4/3,	205-207 (1992)	42.55H	Khan M.S.R.	Khan M.S.R.		54/2,	204-207 (1992)	73.60
Geyer de A.			4/1,	19-21 (1992)	61.12D	Kisters Th.	Riehle F.		54/5,	333-340 (1992)	32.80
			4/5,	399-403 (1992)	74.70	Klementyev V.M.	Chebotayev V.P.		54/1,	98-99 (1992)	42.55B
Giber J.			4/6,	560-566 (1992)	73.25	Klingenberg H.H.	Klingenberg H.H.		54/3,	205-207 (1992)	42.55H
			4/5,	451-466 (1992)	32.80	Kloc Ch.	Sulewski P.E.		54/1,	79-83 (1992)	78.20J
Goehlich A.			4/1,	61-67 (1992)	79.20N	Klötzer N.	Rimini-Döring M.		54/2,	120-123 (1992)	72.70
Gong Q.			4/2,	181-183 (1992)		Kneubühl F.K.	Kopiczynski T.L.		54/6,	526-530 (1992)	52.00
Gorse C.			4/3,	239-245 (1992)	42.55G	Knoth J.	Schwenke H.		54/5,	460-465 (1992)	07.85
Gösele U.M.			4/6,	543-552 (1992)	68.35M	Kocevar P.	Kocevar P.		54/2,	132-138 (1992)	72.20H
Gou YS.			4/1,	57-70 (1992)	42.65	Kochemasov A.	Schwab P.		54/2,	166-169 (1992)	74.70
Gou YS.			4/2,	156-166 (1992)	42.65	Kochetov I.V.	Longo S.		54/3,	239-245 (1992)	42.55G
Gozzini S.			4/5,	428-433 (1992)	32.80P	Kock M.	Schwenke H.		54/5,	460-465 (1992)	07.85
Greenhalgh D.A.			4/4,	271-277 (1992)	82.40P	Kohler HH.	Ivanov-Shitz A.K.		54/3,	251-257 (1992)	63.00
Grill W.			4/4,	373-379 (1992)	73.60K	Köhler U.	Jusko O.		54/3,	265-269 (1992)	68.55
Grivas C.			4/3,	189-192 (1992)	42.60	Kokai F.	Kokai F.	A	54/4,	340-342 (1992)	81.40
Gu C.			4/1,	57-70 (1992)	42.65	Kölsch H.J.	Kölsch H.J.	В	54/1,	89-94 (1992)	06.70D
Gu C.			4/2,	156-166 (1992)	42.65	Kopiczynski T.L.	Kopiczynski T.L.	В	54/6,	526-530 (1992)	52.00
Guenther A.H.			4/6,	533-537 (1992)	78.65	Korgeov V.P.	Sedykh V.	A	54/6,	497-499 (1992)	74.70V
Guerra J.M.			4/6,	516-525 (1992)	82.50	Koudoumas E.	Efthimiopoulos T.	В	54/3,	193-198 (1992)	
Guidotti D.			54/6,	570-572 (1992)	06.70D	Krätzig E.	Odoulov S.	B	54/4,	313-316 (1992)	
Guizzetti G.			54/2,	181-185 (1992)	81.40T	Krötz G.	Müller G.	A	54/1,	40-46 (1992)	61.40
Gupta P.K.			64/6,	534-537 (1992)	42.60B	Kryukov P.G.	Frolov M.P.	B	54/5,	490-491 (1992)	
Gusev V.			54/1,	6-18 (1992)	44.30	Kühnle G.	Teubner U.	В	54/6,	493-499 (1992)	52.50J
Gutschke R.	Schwenke H.	A 5	54/5,	460-465 (1992)	07.85	Kuhn T.	Reggiani L.	A		411-427 (1992)	
						Kullmer R.	Schwab P.	A	54/2,	166-169 (1992)	74.70
Hack H.	Control of the Contro		54/3,	208-215 (1992)		Kunstmann R.	Hillrichs G.	B	54/3,	208-215 (1992)	78.90
Hagan D.J.			54/1,	46-51 (1992)	33.00						
Handoo A.K.			54/1,	92-94 (1992)	79.20N	Laet J. De	Laet J. De				07.60F
Hanes G.R.			54/2,	126-131 (1992)	42.55C	Lämmerzahl C.	Audretsch J.	В	54/5,		
Hangleiter A.			54/2,	120-123 (1992)	72.70	Langhoff H.	Metzner J.	В		100-101 (1992)	
Haroche S.			54/5,	355-365 (1992)	42.50D	Langowski HC.	Preuss S.	A		360-362 (1992)	
Hartmann W.	Redel T.		54/6,	520-522 (1992)	52.50	Lankard Sr. J.R.	Lankard Sr. J.R.	A			
Haxell A.M.	Hooker S.M.		54/2,	119-125 (1992)	42.55H	Lau F.	Lau F.	A	54/2,	139-146 (1992)	
Heiden C.	Mück M.		54/6,	475-480 (1992)	74.50	Ledentsov N.N.	Ledentsov N.N.	A	54/3,	261-264 (1992)	
Helmcke J.	Riehle F.		54/5,	333-340 (1992)	32.80	Ledingham K.W.D.	Wang L.	В	54/1,	71-75 (1992)	32.80
Henderson B.	Yamaga M.		54/5,	470-473 (1992)	71.70	Lee S.	Perkins F.K.	A		442-450 (1992)	
Hendriksen B.	Diemeer M.B.J.		54/5,	466-469 (1992)	77.40	Lee T.J.	Davanloo F.	A			
Hensel J.	Mills Jr. A.P.		54/1,	22-25 (1992)	78.70B	Letokhov V.S.	Dobryakov A.L.	A			
Henzler M.	Jusko O.		54/3,			Lewis W.B.	Lewis W.B.	A			76.30F
Hering P.	Liu Y.		54/1,		42.80F	Li D.	Perkins F.K.	A	54/5,		
Heuer W.	Plass W.		54/3,	199-201 (1992)	07.60	Lieb K.P.	Müller W.	A	54/1,		79.20
Heumann E.	Pollnau M.		54/5,			Li H.C.	Sha J.	A			
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Higurashi E.			54/6,		87.00	Lim A.S.	Lim A.S.	A			
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Hohenstein M.	Hohenstein M.		54/6,	485-492 (1992)	07.80	Lindberg M.	Lindberg M.	В	54/5,	467-476 (1992)	
Hooker S.M. Höpner A.	Hooker S.M. Brandt M.S.		54/2,	119-125 (1992)	42.55H	Liou H.T.	Liou H.T.	В	54/3,		
			54/6,		68.55	Lippitsch M.E.	Sharma A.	В	54/4,		
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Hübler R.	Hübler R.		54/5,			Liu Y. LIU Yu-mei		B	54/1,		42.80F
Hunt A.	Hunt A.		54/6,				LU Mao-hong	_	4 -4		
						Li Y.	Gong Q.			181-183 (1992)	
HU Zhuangqi	JIN Hua	PA .	54/5,	399-403 (1992)	74.70	Li Y.J.	Ren C.X.	A		303-307 (1992)	
Ignacz F.	Racz B.	D	54/6	513-515 (1002)	42 550	Ljungberg P.	Axner O.			144-155 (1992)	
Ihlemann J.	Ihlemann J.			513-515 (1992) 363-368 (1992)		Liopis J.	Paje S.E. Sürgers C.			239-243 (1992)	
Inaba H.	Sato S.					Löhneysen H. von				350-354 (1992)	
Indebetouw G.	Liu S.R.			531-533 (1992)		Lorovik Vu F	Longo S.			239-245 (1992)	
Ioli N.			54/4,			Lozovik Yu.E.	Dobryakov A.L. Gozzini S.			100-102 (1992)	
Ishkov D.V.	Moraes J.C.S. Frolov M.P.			24-28 (1992) 490-491 (1992)	42.55 42.55¥	Lucchesini A.				428-433 (1992)	
Ito N.	Morinaga A.			29-34 (1992)		Luchnikov A.V. Lück H.	Dianov E.M. Bötticher W.			175-180 (1992) 295-302 (1992)	
Ivanov-Shitz A.K.	Ivanov-Shitz A.K.				07.65E 63.00	Luck H. Lukes I.	Lukes I.	В			
Tranov-Smitz A.A.	ranov-snitz A.K.	24	54/3,	251-257 (1992)	03.00	LU Mao-hong			54/4,	327-333 (1992) 288-294 (1992)	
Jacobson D.C.	Coffa S.		54/6	481-484 (1992)	72 90	Lux-Steiner M.Ch.	LU Mao-hong Pirzer M.			455-459 (1992)	
Jäger H.	Woisetschläger J.			132-135 (1992)		Lu YF.	Lu YF.			51-56 (1992)	
Jain B.	Jain B.		54/6,			Lu II'.	2.u 11'.	A	34/1,	31-30 (1994)	81.40
Jander D.R.	Davanioo F.					Madej A.A.	Siemsen K.J.	D	54/2	126-131 (1992)	12 550
Jauregui J.	Jauregui J.			369-372 (1992)							
Jin Hua.	Jauregui J. JIN Hua,			35-39 (1992)	44.50	Malmsten Y.	Axner O.			144-155 (1992)	
				399-403 (1992)		Mandelis A.	Munidasa M.			244-250 (1992)	
Jones W.E.	Wang L.		54/1,		42.65C	Mann B.A.	Mann B.A.			271-277 (1992)	
Juengerman E.M. Jusko O.	Davanloo F.		54/4,			Marinelli C. Mariotti E.	Gozzini S.			428-433 (1992) 428-433 (1992)	
Jusku U.	Jusko O.	A	54/3,	265-269 (1992)	68.55	Marowsky G.	Gozzini S. Sieverdes F.				
						Maiowsky G.	Sieverues F.	15	54/1,	73-71 (1774)	42.65
Kailath T.	Schaper C.D.		SAIA	317-326 (1992)	91.40	Marte M.	Marte M.		54/6	443-450 (1992)	42 500

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	First Author	<b>Applied Physics</b>		PACS	Name	First Author	Applied	PACS	
	Buritskii K.S.	B 54/2,	167-169 (1992)	42.80	Pfistner C.	Pfistner C.	B 54/1.	83-88 (1992)	42.60F
Masteika R.	Vaitkus J.	A 54/6,	553-555 (1992)	72.20	Phillips H.M.	Phillips H.M.	A 54/2,	158-165 (1992)	81.60J
Matthias E.	Jauregui J.	A 54/1,	35-39 (1992)	44.50	Piaggi A.	Amiotti M.	A 54/2,	181-185 (1992)	81.40T
Matthias E.	Davanloo F.	A 54/4,	369-372 (1992)	52.50J	Pietsch G.J.	Jusko O.	A 54/3,	265-269 (1992)	68.55
Mauri F.	Mauri F.	B 54/5,	420-427 (1992)	32.80	Piglmayer K.	Toth Z.	B 54/3,	189-192 (1992)	42.60
Mayer J.W.	Theodore N.D.	A 54/2,	124-131 (1992)	81.40	Pilipetskii A.N.	Dianov E.M.	B 54/2,	175-180 (1992)	42.65
Mayer J.W.	Theodore N.D.	A 54/6,	527-532 (1992)	61.10	Pini R.	Franceschini M.A.	B 54/4,	259-264 (1992)	42.55G
Mazurowski J.	Perkins F.K.	A 54/5,	442-450 (1992)	81.15G	Pinnow M.	Sieverdes F.	B 54/1,	95-97 (1992)	42.65
McLean C.J. Meixner H.	Wang L.	B 54/1, A 54/6,	71-75 (1992)	32.80 73.25	Pirzer M.	Pirzer M.	A 54/5,	455-459 (1992)	61.10
Metwally H.	Fleischer M. Fadel M.	A 54/3,	560-566 (1992) 288-292 (1992)	77.20	Plass W. Ploog K.	Plass W. Ledentsov N.N.	B 54/3, A 54/3,	199-201 (1992) 261-264 (1992)	07.60 73.20D
Metzner J.	Metzner J.	B 54/1,	100-101 (1992)	42.60B	Ploss B.	Emmerich R.	A 54/4,	334-339 (1992)	07.20
Meystre P.	Schumacher E.	B 54/5.	451-466 (1992)	32.80	Ploss B.	Bauer S.	B 54/6,	544-551 (1992)	07.62
Mills Jr. A.P.	Mills Jr. A.P.	A 54/1,	22-25 (1992)	78.70B	Poate J.M.	Coffa S.	A 54/6,	481-484 (1992)	72.80
Miniatura Ch.	Miniatura Ch.	B 54/5,	347-350 (1992)	32.60	Polinau M.	Polinau M.	A 54/5,	404-410 (1992)	07.65
Mio N.	Mio N.	B 54/3,	202-204 (1992)	07.60	Porter F.M.	Porter F.M.	B 54/2,	103-108 (1992)	42.65
Mirkov M.G.	Stankov K.A.	B 54/4,	303-306 (1992)	42.65	Prasad K.	Prasad K.	A 54/6,	493-496 (1992)	73.30
Mitani K.	Mitani K.	A 54/6	543-552 (1992)	68.35M	Prasad K.	Prasad K.	A 54/6,	523-526 (1992)	73.40C
Mlynek J.	Sleator T.	B 54/5,	375-379 (1992)	32.80	Preuss S.	Preuss S.	A 54/2,	152-157 (1992)	73.60D
Mohebi M.	Dennis M.L.	B 54/4,	278-287 (1992)	42.55D	Preuss S.	Preuss S.	A 54/4,	360-362 (1992)	42.30N
Moi L.	Gozzini S.	B 54/5,	428-433 (1992)	32.80P	Priolo F.	Coffa S.	A 54/6,	481-484 (1992)	72.80
Momma C.	Momma C.	B 54/3,	234-238 (1992)	42.55	Pritchard D.E.	Ketterle W.	B 54/5,	403-406 (1992)	32.80P
Moncoffre N.	Foerster C.E.	A 54/3,	252-232 (1992)	61.70T	Pritchard D.E.	Ekstrom Ch.R.	B 54/5,	369-374 (1992)	35.10
Moraes J.C.S.	Moraes J.C.S.	B 54/1,	24-28 (1992)	42.55	Prokhorov A.M.	Dianov E.M.	B 54/2,	175-180 (1992)	42.65
Moretti A.	Moraes J.C.S.	B 54/1,	24-28 (1992)	42.55	Proust N.	Petitjean M.	A 54/1,	95-99 (1992)	81.15G
Morinaga A.	Morinaga A.	B 54/1,	29-34 (1992)	07.65E	Puretzky A.A.	Dobryakov A.L.	A 54/1,	100-102 (1992)	71.10
Moro L.	Parisini A.	A 54/3,	221-224 (1992)	61.70	Pyltsin O.I.	Chebotayev V.P.	B 54/1,	98-99 (1992)	42.55B
Moser P.	Cruz R.M. de la	A 54/2,	147-151 (1992)	78.70B	0 1 1 0				
Moskovets E.V.	Moskovets E.V.	B 54/6,	556-561 (1992)	82.80M	Queirolo G.	Amiotti M.	A 54/2,	181-185 (1992)	81.40T
Mossavi K.	Momma C.	B 54/3,	234-238 (1992)	42.55	Queisser HJ.	Bergmann R.	A 54/1,	103-105 (1992)	68.55
Mück M.	Mück M.	A 54/1,	47-50 (1992)	74.50	D D	D D	D 6416	£12 £15 (1000)	10
Mück M.	Mück M.	A 54/6,	475-480 (1992)	74.50	Racz B. Raimond J.M.	Racz B. Haroche S.	B 54/6, B 54/5.	513-515 (1992)	42.55G
Muga J.G.	Cruz H.	A 54/2,	178-180 (1992) 265-269 (1992)	73.40G		A ALLES OF THE PARTY OF THE PAR		355-365 (1992)	42.50D
Müller B. Müller G.	Jusko O. Müller G.	A 54/3, A 54/1,	40-46 (1992)	68.55 61.40	Rairoux P. Rao V.J.	Kölsch H.J.	B 54/1,	89-94 (1992)	06.70D
Müller J.H.	Sterr U.	B 54/5,	341-346 (1992)	32.80	Ray P.K.	Rao V.J. Handoo A.K.	A 54/3, A 54/1,	284-287 (1992)	81.10 79.20N
Müller M.	Müller M.	B 54/2,	136-143 (1992)	42.55R	Redel T.	Redel T.	A 54/6,	92-94 (1992) 520-522 (1992)	52.50
Müller W.	Müller W.	A 54/1,	84-91 (1992)	79.20	Reggiani L.	Reggiani L.	A 54/5,	411-427 (1992)	05.40
Munidasa M.	Munidasa M.	A 54/3,	244-250 (1992)	07.68	Reid J.	Siemsen K.J.	B 54/2,	126-131 (1992)	42.55C
	Torres R.	A 54/6,	511-516 (1992)	74.30	Reinhardt J.	Miniatura Ch.	B 54/5,	347-350 (1992)	32.60
	101100 111	, .,	011 010 (1222)	, 4.50	Reinsch M.	Clauser J.F.	B 54/5,	380-395 (1992)	07.60L
Nagatomo S.	Lu YF.	A 54/1,	51-56 (1992)	81.40	Ren C.X.	Ren C.X.	A 54/3,	303-307 (1992)	74.75
Nagel N.	Bergmann R.	A 54/1,		68.55	Reza A.	Khan M.S.R.	A 54/2,	204-207 (1992)	73.60
Namba S.	Lu YF.	A 54/1,	51-56 (1992)	81.40	Ricci A.J.	Guidotti D.	A 54/6,	570-572 (1992)	06.70D
Napartovich A.P.	Longo S.	B 54/3,	239-245 (1992)	42.55G	Riehle F.	Riehle F.	B 54/5,	333-340 (1992)	32.80
Narayanan P.S.	Srinivasan M.R.	A 54/3,	258-260 (1992)	65.90	Riera J.	Riera J.	A 54/5,	428-430 (1992)	71.55
Nasu K.	Sun X.	B 54/2,	170-174 (1992)	78.90	Rimini-Döring M.	Rimini-Döring M.	A 54/2,	120-123 (1992)	72.70
Nava F.	Amiotti M.	A 54/2,	181-185 (1992)	81.40T	Rincon J.Ma.	Paje S.E.	A 54/3,	239-243 (1992)	78.55H
Negem A.	Fadel M.	A 54/3,	288-292 (1992)	77.20	Rivera E.	Paje S.E.	A 54/3,	239-243 (1992)	78.55H
Neger T.	Woisetschläger J.	B 54/2,	132-135 (1992)	42.40	Robert J.	Miniatura Ch.	B 54/5,	347-350 (1992)	32.60
Neu W.	Hillrichs G.	B 54/3,	208-215 (1992)	78.90	Rosenbauer M.	Brandt M.S.	A 54/6,	567-569 (1992)	68.55
Niesner St. Nobili D.	Bötticher W. Parisini A.	B 54/4, A 54/3,	295-302 (1992) 221-224 (1992)	42.55G 61.70	Rottke H. Röwekamp M.	Plass W. Röwekamp M.	B 54/3, A 54/1,	199-201 (1992) 61-67 (1992)	07.60 79.20N
O'Donnell K.P.	Yamaga M.	A 54/5.	470-473 (1992)	71.70	Said J.	Boquillon J.P.	A 54/4,	384-388 (1992)	42.55R
O'Leary S.V.	Mann B.A.	B 54/4,			Sakurai T.	Morinaga A.	B 54/1,		07.65E
Odoulov S.	Odoulov S.	B 54/4,			Salimbeni R.	Franceschini M.A.	B 54/4,	259-264 (1992)	42.55G
Oelhafen P.	Ugolini D.	A 54/1,		79.20	Sasik R.	Lukes I.	A 54/4,	327-333 (1992)	42.20
Oglesby C.S.	Sulewski P.E.	A 54/1,		78.20J	Sato S.	Sato S.	B 54/6,	531-533 (1992)	87.00
Okuda I.	Okuda I.	B 54/6,	506-512 (1992)	42.60	Sauerbrey R.	Phillips H.M.	A 54/2,	158-165 (1992)	81.60J
Olfen U. van	Odoulov S.	B 54/4,			Scalabrin A.	Moraes J.C.S.	B 54/1,		42.55
Onellion M.	Perkins F.K.	A 54/5,			Schäfer F.P.	Teubner U.	B 54/6,		
Opat G.I.	Opat G.I.	B 54/5,	396-402 (1992)		Schäfer M.	Ketterle W.	B 54/2,	109-112 (1992)	82.50
Ortiz C.	Solis J.	A 54/3,			Schaper C.D.	Schaper C.D.	A 54/4,		81.40
Osipov A.V.	Osipov A.V.	A 54/6,			Schick K.	Schick K.	A 54/2,		78.20
Ota H. Ovid'ko I.A.	Kokai F.	A 54/4, A 54/6,			Schötzau H.J.	Kopiczynski T.L.	B 54/6,		
Ovid ku I.A.	Osipov A.V.	A 34/0,	517-519 (1992)	61.70	Schreiner W.H.	Hübler R.	A 54/5,		
Paje S.E.	Paje S.E.	A 54/3,	230-242 (1002)	79 5511	Schubert M.	Desaintfuscien M.	B 54/3,		32.70
Pal J.	Chakrabarti P.	A 54/2,			Schumacher E. Schwabedissen A.	Schumacher E. Bötticher W.	B 54/5,		
Pareja R.	Cruz R.M. de la	A 54/2,			Schwabedissen A. Schwab P.	Schwab P.	B 54/4, A 54/2,		
Parisini A.	Parisini A.	A 54/2,			Schwenke H.	Schwenke H.	A 54/5,		
Paskov P.P.	Paskov P.P.		113-118 (1992)		Schwentner N.	Zerza G.	A 54/1,		
Passner J.	Mills Jr. A.P.	A 54/1,		78.70B	Scully M.O.	Liu Y.	B 54/1,		42.80F
Patocs A.	Racz B.	B 54/6,			Scully M.O.	Englert BG.	B 54/5,		
Pavlov L.I.	Paskov P.P.	B 54/2,			Sedykh V.	Sedykh V.	A 54/6,		
Pazyuk V.S.	Frolov M.P.	B 54/5,			Segura A.	Cruz R.M. de la	A 54/2,		
Pereira D.	Moraes J.C.S.	B 54/1,		42.55	Segura A.	Riera J.	A 54/5,		
Perkins F.K.	Perkins F.K.	A 54/5.	442-450 (1992)		Sekkat Z.	Sekkat Z.	B 54/5,		
Perrin J.	Petitjean M.	A 54/1,		81.15G	Sence M.J.	Wei T.H.	B 54/1,		33.00
Perry J.W.	Wei T.H.	B 54/1,		33.00	Sengstock K.	Sterr U.	B 54/5,		
Petitjean M.	Petitjean M.	A 54/1,		81.15G	Serna R.	Serna R.	A 54/6.		
Petrauskas M.	Vaitkus J.	A 54/6,			Shafeev G.A.	Shafeev G.A.	A 54/4,		
Petrov G.	Yankov P.	B 54/3,	231-233 (1992)	42.60	Shahian A.G.	Bava E.	B 54/6,		
Pfau T.	Sleator T.	D 54/5	375-379 (1992)	32.80	Sha J.	Sha J.	A 54/3,		

Name	First Author	Applied	Physics	PACS	Name	First Author	Applied	Physics	PACS
Sharma A.	Sharma A.	B 54/4,	309-312 (1992)	33.00	Vaitkus J.	Vaitkus J.	A 54/6,	553-555 (1992)	72.20
Shaw M.J.	Okuda I.	B 54/6,	506-512 (1992)	42.60	Vanhellemont J.	Laet J. De	A 54/1,	72-78 (1992)	07.60F
Shcherbakov E.A.	Buritskii K.S.	B 54/2,	167-169 (1992)	42.80	Vannini M.	Franceschini M.A.	B 54/4,	259-264 (1992)	42.55G
Shekhtman V.Sh.	Sedykh V.	A 54/6,	497-499 (1992)	74.70V	Varani L.	Reggiani L.	A 54/5,	411-427 (1992)	05.40
SHI Changxu	JIN Hua,	A 54/5,	399-403 (1992)	74.70	Velinov T.	Velinov T.	A 54/1,	6-18 (1992)	44.30
Shi F.	Müller W.	A 54/1,	84-91 (1992)	79.20	Vereecken J.	Laet De J.	A 54/1,	72-78 (1992)	07.60F
Sieger D.	Tietze-Jaensch H.	A 54/1,	19-21 (1992)	61.12D	Vögt M.	Sulewski P.E.	A 54/1,	79-83 (1992)	78.20J
Siemers I.	Desaintfuscien M.	B 54/3,	246 (1992)	32.70					
Siemsen K.J.	Siemsen K.J.	B 54/2,	126-131 (1992)	42.55C	Wallis H.	Wallis H.	B 54/5,	407-419 (1992)	32.80P
Sieverdes F.	Sieverdes F.	B 54/1,	95-97 (1992)	42.65	Walls D.F.	Tan S.M.	B 54/5,	434-442 (1992)	32.80
Silier I.	Bergmann R.	A 54/1,	103-105 (1992)	68.55	Walther H.	Englert BG.	B 54/5,	366-368 (1992)	42.50
Silva M.F. da	Serna R.	A 54/6,	538-542 (1992)	68.22	WANG Chi-Ming	HUANG Yong-Zhen		191-195 (1992)	73.20
Simakhin A.V.	Shafeev G.A.	A 54/4,	311-316 (1992)	68.45	WANG Chi-Ming	HUANG Yong-Zhen		308-310 (1992)	73.40G
Simon P.	Ihlemann J.	A 54/4,	363-368 (1992)	42.60	Wang L.	Wang L.	B 54/1,	52-56 (1992)	42.65C
Singhal R.P.	Wang L.	B 54/1,	71-75 (1992)	32.80	Wang L.	Wang L.	B 54/1,	71-75 (1992)	32.80
Slaby J.	Slaby J.	B 54/6,	538-543 (1992)	07.65	Wang L.	Ren C.X.	A 54/3,	303-307 (1992)	74.75
Sleator T.	Sleator T.	B 54/5,	375-379 (1992)	32.80	Wang N.L.	Sha J.	A 54/3,	300-302 (1992)	74.60G
Sliwinski G.	Zerza G.	A 54/1,	106-108 (1992)	42.50	Wark S.J.	Opat G.I.	B 54/5,	396-402 (1992)	35.10D
Soares J.C.	Serna R.	A 54/6,	538-542 (1992)		Webb C.E.	Hooker S.M.	B 54/2,	119-125 (1992)	42.55H
Solis J.	Solis J.	A 54/3,	279-283 (1992)		Weber H.P.	Pfistner C.	B 54/1,	83-88 (1992)	42.60F
Solmi S.	Parisini A.	A 54/3,	221-224 (1992)		Weber J.	Brandt M.S.	A 54/6,	567-569 (1992)	68.55
Soumbatov A.A.	Emel'yanov V.I.	A 54/2,	196-199 (1992)		Weber Th.	Müller W.	A 54/1,	84-91 (1992)	79.20
Srinivasan M.R.	Srinivasan M.R.	A 54/3,			Wei T.H.	Wei T.H.	B 54/1,	46-51 (1992)	33.00
Stafast H.	Burg E. von der	A 54/4,	373-379 (1992)	73.60K	Weigand R.	Weigand R.	B 54/6,	516-525 (1992)	82.50
Stafast H.	Preuss S.	A 54/2, B 54/2.			Wellegehausen B.	Momma C.	B 54/3,	234-238 (1992)	42.55
Stamm U.	Müller M.				Wendel H.	Wendel H.	A 54/4,	389-392 (1992)	81.15G
Stankov K.A.	Stankov K.A.	B 54/4,			Widmann K.	Woisetschläger J.	B 54/2,	132-135 (1992)	42.40
Stark R.	Redel T.	A 54/6, B 54/5,	520-522 (1992) 443-450 (1992)		Wilkens M.	Schumacher E.	B 54/5,		32.80
Stern U.	Marte M.	B 54/5,			Williams D.R.	Porter F.M.	B 54/2,	103-108 (1992)	42.65
	Sterr U. Redel T.	A 54/6,			Wilman J.G.	Guidotti D.	A 54/6,	570-572 (1992)	06.70D
Stetter M. Stewart A.F.	Swarnalatha M.	A 54/6,			Winkler R.	Winkler R.	B 54/1,		51.10
Strukova G.K.	Sedykh V.	A 54/6,			Winkler S.	Rimini-Döring M.	A 54/2,		72.70
Strumia F.	Moraes J.C.S.	B 54/1,		42.55	Witte A.	Riehle F.	B 54/5,		
Stryland E.W. van	Wei T.H.	B 54/1,		33.00	Woisetschläger J.	Woisetschläger J.	B 54/2,		42.40
Stücheli N.	Sulewski P.E.	A 54/1,		78.20J	Wolbold G.	Lankard Sr. J.R.	A 54/4,		42.60B
Stuke M.	Preuss S.	A 54/4.			Wolff B.	Ihlemann J.	A 54/4,		42.60
Stutzmann M.	Brandt M.S.	A 54/6,			Wolf J.P.	Kölsch H.J.	B 54/1,		06.70D
Sugioka K.	Sugioka K.	A 54/4,			Wolfrum J.	Ketterle W.	B 54/2, B 54/1.	109-112 (1992)	82.50
Suhr H.	Wendel H.	A 54/4.			Wöste L.	Kölsch H.J.	4		06.70D 78.90
Suhr H.	Zhao YW.	A 54/5.			Wu C.Q.	Sun X.	B 54/2, A 54/3,		
Sulewski P.E.	Sulewski P.E.	A 54/1,		78.20J	Wu K. Wu P.	Wu K. Gong Q.	B 54/2,		
Sun X.	Sun X.	B 54/2,			Würfel P.	Schick K.	A 54/2		
Sürgers C.	Sürgers C.	A 54/4.			Wuttke M.W.	Winkler R.	B 54/1,		51.10
Suyten F.M.M.	Diemeer M.B.J.	A 54/5.			Watthe IVI.W.	WHIRIGH AC.	D 34/1,	1-11 (1))2)	31.10
Swarnalatha M.	Swarnalatha M.	A 54/6.	533-537 (1992)	78.65					
Szabo G.	Racz B.	B 54/6,	513-515 (1992)	42.55G	Via 7	Gong Q.	B 54/2	181-183 (1992)	42.70F
Szabo G.	Phillips H.M.	A 54/2,	158-165 (1992)		Xia Z.	Gong Q.	D 34/2	101-103 (1332)	74.101
Szörényi T.	Kantor Z.	A 54/2.	170-175 (1992)	42.60K					
Szörényi T.	Toth Z.	B 54/3	189-192 (1992)	42.60	Yamaga M.	Yamaga M.	A 54/5	470-473 (1992)	71.70
					Yang H.	Liou H.T.	B 54/3		
Taguchi Y.	Sato S.	B 54/6.	, 531-533 (1992)	87.00	Yang J.	Ren C.X.	A 54/3		
Takai M.	Lu YF.	A 54/1.	, 51-56 (1992)	81.40	Yankov P.	Yankov P.	B 54/3		
Takeuchi H.	Yamaga M.	A 54/5	, 470-473 (1992		Yeh P.	Dai LK.	B 54/1.		42.65
Tan S.M.	Tan S.M.	B 54/5			Yeh P.	Dai LK.	B 54/2		
Teixeira N.	Serna R.	A 54/6			Yuryshev N.N.	Frolov M.P.	B 54/5		
Teixeira S.R.	Hübler R.	A 54/5					, -		
Terryn H.	Laet J. De	A 54/1		07.60F					
Teubner U.	Teubner U.	B 54/6				904 454	D 64/2	100 201 (1002	07.60
Theodore N.D.	Theodore N.D.	A 54/2			Zacharias H.	Plass W.	B 54/3		42.551
Theodore N.D.	Theodore N.D.	A 54/6			Zakhariash V.F.	Chebotayev V.P.	B 54/1	, 98-99 (1992) , 239-243 (1992)	
Thomas B.	Thomas B.	A 54/3			Zayas M.E.	Paje S.E.		233-238 (1992	
Tietze-Jaensch H.	Tietze-Jaensch H.	A 54/1		61.12D	Zecca A.	Was coming a grant.		106-108 (1992	
Tkotz R.	Redel T.		, 520-522 (1992		Zerza G.	Zerza G. Ren C.X.	A 54/3		
Tomasiunas R.	Vaitkus J.	A 54/6			Zhang J.H.	Sha J.	A 54/3		
Torres R.	Torres R.	A 54/6 A 54/2			Zhang Q.R. ZHANG Xiumiao	ZHANG Xiumiao	A 54/2		
Toth Z.	Kantor Z.	A 54/2 B 54/3			ZHANG Xiumiao	ZHANG Xiumiao	A 54/5		
Toth Z. Toyoda K.	Toth Z. Sugioka K.	A 54/4			Zhao YW.	Zhao YW.	A 54/5		
Träger F.	Siaby J.	B 54/6			Zhou G.E.	Sha J.		, 300-302 (1992	
Tse W.S.	Tse W.S.	A 54/6			Zhu C.F.	Sha J.	A 54/3		
Tsubono K.	Mio N.	B 54/3			Zhu C.F.	Gong Q.	B 54/2		
Tsukada N.	Ledentsov N.N.	A 54/3			Zoller P.	Marte M.A.M.	B 54/5		
Tünnermann A.	Momma C.	B 54/3			Zou S.C.	Ren C.X.		303-307 (1992	
Tzolov V.P.	Stankov K.A.	B 54/4			Zou Y.H.	Gong Q.		, 181-183 (1992	
. 2010 7 7 .1 .	South Co. L. L. L.	2 34/4	, 505 500 (1552	,	Zuckerman D.M.	Mills Jr. A.P.		, 22-25 (1992)	78.70
Ugolini D.	Ugolini D.	A 54/1	, 57-60 (1992)	79.20	Zulehner W.	Tietze-Jaensch H.		, 19-21 (1992)	61.12
Umemura F.	Kokai F.		340-342 (1992		Zverkova I.I.	Sedykh V.		, 497-499 (1992	
Umemura K.	Umemura K.		115-119 (1992		Zweig A.D.	Zweig A.D.		, 76-82 (1992)	81.60
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